

Title (en)

Automatic correction of loudness level in audio signals

Title (de)

Automatische Korrektur der Lautstärke von Audiosignalen

Title (fr)

Correction automatique du niveau de bruit de signaux audio

Publication

EP 2367286 B1 20130220 (EN)

Application

EP 10156409 A 20100312

Priority

EP 10156409 A 20100312

Abstract (en)

[origin: EP2367286A1] The present invention relates to a method for adapting a gain of an audio output signal containing at least two different tracks with different signal level ranges, the method comprising the steps of: - dynamically determining a perceived loudness of an audio input signal based on a psychoacoustic model of a human, - dynamically determining a gain of the audio output signal output by a gain determination unit (35) receiving the perceived loudness and outputting the audio output signal with the determined gain, wherein the gain is determined in such a way that said at least two tracks of the audio output signal are output covering a predetermined range of signal levels.

IPC 8 full level

H03G 3/32 (2006.01)

CPC (source: EP KR US)

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DOCDB simple family (publication)

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CN 102195584 A 20110921; CN 102195585 A 20110921; CN 102195585 B 20150422; EP 2367287 A2 20110921; EP 2367287 A3 20111026;
JP 2011193442 A 20110929; JP 2011193465 A 20110929; JP 5805397 B2 20151104; KR 101767378 B1 20170811;
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EP 10197304 A 20101229; JP 2011014516 A 20110126; JP 2011054725 A 20110311; KR 20110021245 A 20110310;
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